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CONSTRUCTION PROGRESSES ON THE MOSCOW COKE-GAS PLANT

Numbers in parentheses refer to the appended list of source.

The first section of the Moscow Coke-Gas Plant is near completion. The mechanized foundry shop, the first to be readled for operation, has been equipped with metalworking machines and a cupola furnace. (1)

The assembly of equipment in the Moscow Coke Gas TETs will be carried out by continuous high-speed methods. Parts weighing up to 200 kilograms will be assembled in 20-ton blocks and then set in place by a new crane which has been set up. The first blocks have been prepared and assembly of the boiler started on 23 September. (2)

Construction of an 80-meter-high reinforced-concrete concestach for the TETs, using 380 cubic meters of concrete, has been completed (3), and on 27 September assembly of the electric substation was started.

The gas generator station is one of the most important buildings of the plant. It is necessary to get it ready for operation in October. The same-bly of the framework of the Coutrell filters is being completed. They are equipped with continuous high-frequency devices. (4)

A wet gas-storage tank consisting of two parts, an outer water container and an inner gas tank which may rise up to a height of 36 meters depending upon the volume of gas in the tank, has been completed. This all-welded gas tank is the largest in the USSR. (5)

Workers of the "Stal'montazh" Trust have completed the assembly work and are setting about testing the battery of regenerators. The tests of the first regenerator were completed on 11 October. The tank was filled to the top with water and no defects were discovered. (6)

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A building resembling a huge grain elevator is being constructed on the grounds of the plant. The building consists of two rows of reinforced-concrete cylinders which serve as covered storage for crushed coal and for the charge preparation necessary for the production of coke. Coal elevators built in the USSR up to the present time have not had a diameter of more than 10 meters and did not exceed 25-28 meters in height. This elevator will have a diameter of 13.5 meters and will be 34 meters high. The part of the elevator which is already constructed is 13 meters high. The concrete work is to be completed by 7 November. (7)

The foundations for another shop have been laid on the plant's grounds; by-products of the cok2-gas industry will be processed in this shop. Masons have already laid 500,000 bricks in connection with this project. (8)

The plant's FZO school recently graduated 150 skilled repair mechanics who will be the first personnel enlisted for the future plant. The graduates are now learning production practice in coke-chemical and metallurgical enterprises and in the Automobile Plant imeni Stalin. A new group of 150 students will scon be accepted by the FZO school. (1)

SOURCES

- 1. Vechernysys Moskva, No 219, 14 Sep 49
- 2. Vechernyaya Moskva, No 227, 23 Sep 49
- 3. Moskovskiy Bol'shevik, No 217, 14 Sep 49
- 4. Vechernyaya Moskva, No 230, 27 Sep 49
- 5. Vechernyaya Moskva, No 232, 29 Sep 49
- ó. Vechernyaya Moskva, No 242, 11 Oct 49
- 7. Moskovskiy Bol'shevik, No 238, 8 Cat 49
- 8. Vechernyaya Moskvi, No 248, 18 Oct 49

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